

Focus Area 20: Occupational Safety and Health

Objective 20-1a targets an overall reduction in the work-related injury death rate to 3.2 per 100,000 population. **NOTE:** The following data are not compatible with this objective's operational definition, since it uses different numerator and denominator data in the calculation of mortality rates due to work-related injuries.

California's age-adjusted death rates for work-related injuries were 2.1 per 100,000 population aged 12 years and over in 2000, 2.0 in 2001, 1.7 in 2002, and 1.3 in 2003 based on data extracted from the Death Statistical Master Files (Figure 20-1a, Table 20-1a). California's work-related injury death rates are declining, and this trend is also seen in the fatal occupational injury data compiled by the California Department of Industrial Relations, Division of Labor Statistics and Research, for workers aged 16 years and over.

California data by race and ethnicity show that the highest age-adjusted work-related injury death rates were found for Hispanics/Latinos (2.3 per 100,000 in 2000, 2.4 in 2001, 2.2 in 2002, and 1.4 in 2003). The next highest work-related injury death rates were found for Whites (2.2 per 100,000 in 2000, 2.1 in 2001, 1.8 in 2002, and 1.5 in 2003), followed by African Americans/Blacks (1.4 per 100,000 in 2000, 1.6 in 2001, and 1.8 in 2002), and Asians (1.5 per 100,000 in 2000, 1.1 in 2001, 0.8 in 2002, and 0.6 in 2003). Death rates for the American Indian/Alaska Native, Pacific Islander, and the "Multirace" populations were unreliable due to the small number of events and are not reported here.

Age-adjusted work-related injury death rates for males (4.1 per 100,000 in 2000, 3.8 in 2001, 3.3 in 2002, and 2.5 in 2003) declined significantly, but were significantly higher than death rates for females (0.2 per 100,000 in 2000, 0.3 in 2001 and 2002, and 0.2 in 2003). Work-related injury death rates for males were from 11 to 20 times higher than those for females between 2000 and 2003.

For more information on work-related injuries in California, visit the California Department of Industrial Relations, Division of Labor Statistics and Research Web site at:

http://www.dir.ca.gov/DLSR/statistics_research.html

For more information on Healthy People 2010 objective 20-1, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume2/20OccSH.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od20.htm>

Figure 20-1a
Work-Related Injury Death Rates
California, 2000-2003

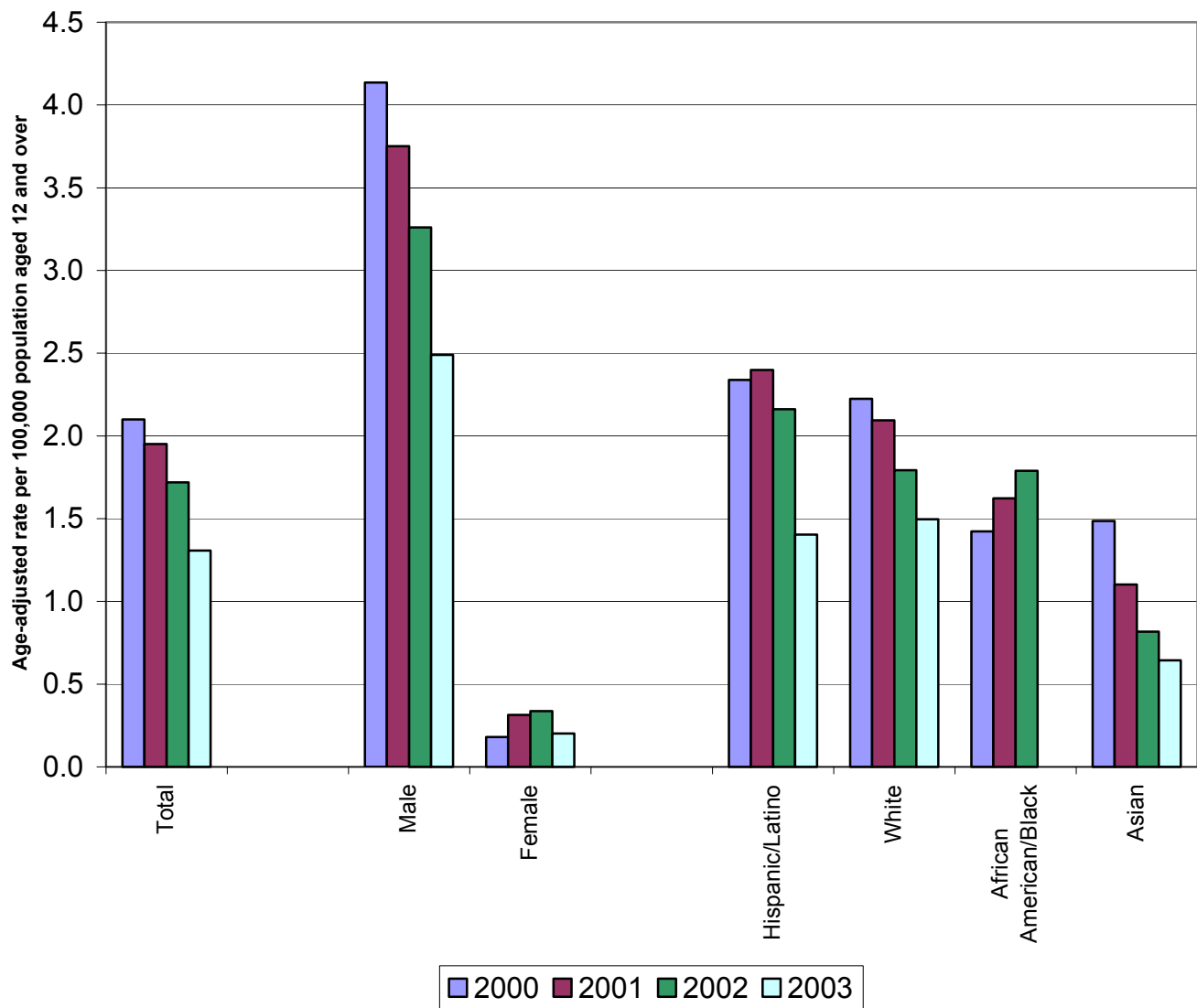


Table 20-1a
Work-Related Injury Deaths and Death Rates
California, 2000-2003

All Work-Related Injury Deaths*	2000				2001			
	N ¹	Rate ²	Lower C.I.	Upper C.I.	N ¹	Rate ²	Lower C.I.	Upper C.I.
Healthy People 2010 Target	n/a				n/a			
CALIFORNIA TOTAL	576	2.1	1.9	2.3	555	2.0	1.8	2.1
Race-Ethnicity								
African American/Black	24	1.4	0.8	2.0	29	1.6	1.0	2.2
American Indian/Alaska Native	4	DSU	-----	-----	3	DSU	-----	-----
Asian	47	1.5	1.1	1.9	36	1.1	0.7	1.5
Pacific Islander	3	DSU	-----	-----	2	DSU	-----	-----
Hispanic/Latino	173	2.3	2.0	2.7	183	2.4	2.0	2.8
White	322	2.2	2.0	2.5	301	2.1	1.8	2.1
Multirace	3	DSU	-----	-----	1	DSU	-----	-----
Gender								
Female	25	0.2	0.1	0.3	45	0.3	0.2	0.4
Male	551	4.1	3.8	4.5	510	3.8	3.4	4.1

All Work-Related Injury Deaths*	2002				2003			
	N ¹	Rate ²	Lower C.I.	Upper C.I.	N ¹	Rate ²	Lower C.I.	Upper C.I.
Healthy People 2010 Target	n/a				n/a			
CALIFORNIA TOTAL	500	1.7	1.6	1.9	384	1.3	1.2	1.4
Race-Ethnicity								
African American/Black	31	1.8	1.2	2.4	18	DSU	-----	-----
American Indian/Alaska Native	4	DSU	-----	-----	1	DSU	-----	-----
Asian	27	0.8	0.5	1.1	22	0.6	0.4	0.9
Pacific Islander	3	DSU	-----	-----	1	DSU	-----	-----
Hispanic/Latino	172	2.2	1.8	2.5	118	1.4	1.1	1.7
White	261	1.8	1.6	2.0	219	1.5	1.3	1.7
Multirace	2	DSU	-----	-----	5	DSU	-----	-----
Gender								
Female	49	0.3	0.2	0.4	30	0.2	0.1	0.3
Male	451	3.3	3.0	3.6	354	2.5	2.2	2.8

SOURCE: California Department of Health Services, Center for Health Statistics, Death Statistical Master Files, 2000-2003.

NOTES: * Death records with "injured at work" field coded "Yes".

¹ Population aged 12 years and over is used to accommodate age-adjustment weight distribution (see HP2010 Statistical Notes, No. 20, January 2001); methodology differs from HP2010 objective 20-1a operational definition, which uses the average annual number of workers aged 16 years and over in the calculation of rates.

² Age-adjusted mortality rate per 100,000 population aged 12 years and over (regardless of employment status).

n/a Healthy People 2010 target rate not applicable.

DSU Data Statistically Unreliable due to small number of events.